

EPA ID: CTD982191785 Site Name: RAYEX

State ID:

Alias Site Names:

City: PLAINVILLE

County or Parish: HARTFORD

State: CT

Refer to Report Dated:

Report Type: SITE REASSESSMENT 001



SEMS DocID 645274

Report Developed by: START

## DECISION:

- ☐ 1. Further Remedial Site Assessment under CERCLA (Superfund) is not required because:
- ☐ 1a. Site does not qualify for further remedial site assessment under CERCLA (No Further Remedial Action Planned - NFRAP)
- ☐ 1b. Site may qualify for action, but is deferred to:
- ☒ 2. Further Assessment Needed Under CERCLA:
- 2a. Priority: ☐ Higher ☒ Lower
- 2b. Other: (recommended action) Low.

## DISCUSSION/RATIONALE:

An EPA contractor reviewed the last available report, contacted state and EPA representatives, and produced a fact sheet for this, and approximately 700 other Region 1 sites. This effort was entered into WasteLAN/CERCLIS as a Site Reassessment (code "OO"). For most of these sites, the entry date was August 2001. This copy is the Site Reassessment product of 2001. Subsequent changes to the site fact sheet may be made in order to keep the fact sheet current, however the revised fact sheet will only be available via the Region 1 website.

Site Decision Made by: DON SMITH

Signature: Don Smith 4-7-03

Date: 08/02/2001

Rayex  
Plainville, Connecticut

CERCLIS No. CTD982191785  
Site ID No. 0101747

The Rayex property (property) is located at 336 Woodford Avenue in Plainville, Hartford County, Connecticut. The 6.8-acre property is currently operated by Nickson Industries, and privately owned. Local tax assessment information is unknown. The property consists of two buildings, a paved area, and a lawn. The property is bordered to the northeast by Woodford Avenue; to the northwest by Quinnipiac River; to the southwest by the Woodford Manor apartment complex; and to the southeast by residential lots and Dallas Street.

Property use information prior to 1910 is unknown. In 1910, two buildings were constructed on the property. Manufacturing occurred in one building, and the second building housed boilers and non-manufacturing equipment. In the 1940s, a dam was constructed on the Quinnipiac River to supply water power to a freight elevator located on the property. After use, Rayex discharged the cooling water back to the river downstream of the dam. In 1957, Rayex leased the property and manufactured plastic and metal sunglasses between 1958 and 1968. Manufacturing processes included metal fabrication, plating, lacquering, plastics injection molding, and tumbling. Plating wastes containing cyanide, potassium, nickel, silver, gold, and copper were discharged to a 300-gallon underground lime neutralizing tank. Between 10,730 gallons per day (gpd) and 38,000 gpd of the wastes were then discharged to a leaching field. The exact location of the tank and leaching field are unknown. In 1968, Rayex was ordered to install a wastewater treatment system to receive the plating wastes, and subsequently closed. In 1974, the Connecticut Department of Environmental Protection (CT DEP) Water Compliance Division cited Rayex as the source of pollution to the Quinnipiac River. Since 1986, Nickson Industries has manufactured muffler brackets for the automotive industry on the property, and all generated wastes are disposed of off site. In 1991, two crushed and rusted drums were identified at the northern corner of the paved lot; and approximately 50 unlabelled, empty 55-gallon drums were observed in the eastern corner of the property. In 1992, one subsurface soil sample was collected 2 to 3 feet below the drum area, and was used as a reference sample due low contaminant concentrations. The possible sources of contamination from the property are the plating rinse waters and elevator cooling water discharged to the Quinnipiac River. Previous investigations of the property include a Preliminary Assessment (PA) completed in 1988; and a Site Inspection (SI) completed in 1992.

Groundwater occurs in overburden at a depth of less than 15 feet (ft). Groundwater flow is undetermined, but estimated to be westerly towards Quinnipiac River. The estimated population served by public and private groundwater drinking water supply wells within 4-radial miles of the property is 51,145. The nearest public drinking water supply wells are located approximately 0.2 miles north of the property. The nearest private drinking water supply well is located within 0.25-radial miles from the property. No known groundwater samples have been collected from the property. Potential impacts to nearby groundwater drinking water supply sources are unknown.

Stormwater runoff from the property is expected to drain directly into Quinnipiac River. No additional surface water bodies are located along the 15-mile downstream pathway. Sensitive environments located downstream of the property include a Clean Water Act (CWA)-protected water body, approximately 30 miles of wetlands frontage, habitats for three State-listed threatened or endangered species, and a fishery. The property is located with a 100-year floodplain. There are no known surface water drinking water intakes along the 15-mile downstream pathway. Analytical results of sediment samples collected downstream of the discharge pipe in 1992 indicated the presence of 10 semivolatile organic compounds (SVOCs), two pesticides, and six metals, including lead. An oily sheen on the riverbank and sediments, and a drainage channel carved by surface water runoff into the riverbank were observed downstream of the dam. Based on these results and observations, a CWA-impacted water body, wetlands, and a fishery have been impacted.

The number of workers employed on the property is unreported. Approximately 5,686 and 65,443 people reside within 1-radial mile and 4-radial miles of the property, respectively. The nearest residence is located approximately 25 ft southeast of the property boundary, and the Woodford Manor Apartment complex is located approximately 75 ft southeast of the manufacturing building. Access to the property is unrestricted. There are habitats for seven State or Federally-listed endangered/threatened species within 4-radial miles of the property, and approximately 93 acres of wetlands are located within 1-radial mile of the property. Analytical results of surface soil samples collected from the property in 1992 indicated the presence of one volatile organic compound (VOC), 12 SVOCs, two pesticides, and two metals, including lead. Based on the site observations and conditions, proximity to nearby residences, and the presence of hazardous substances in on-site soils, impacts to nearby residential populations are unknown.

The last known action at the property was a SI completed in 1992, which concluded that both human and sensitive environments could be potentially exposed to impacted soil and sediment on the property. According to available sources, the property is not an active site under CT DEP.